



“Eye on AMC”

U.S. Army Materiel Command

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CERDEC makes 'biggest change to satellite communications' in 30 years

The U.S. Army Communications-Electronics Research, Development and Engineering Center, Fort Monmouth, N.J., and their partners, HYPRES Inc. and L3-Communications, have made a breakthrough in satellite technology by reducing racks of expensive satellite communications gear to a one-centimeter chip made with hyper-cooled niobium.

The breakthrough could in essence take out the “middleman” in military operated X-Band satellite communications frequencies by enabling a signal to be digitized without the need for Intermediate Frequency “down” converters and other analog components, said Jack Wong, CERDEC's contract officer representative for the project. For more information about CERDEC, visit <http://www.monmouth.army.mil/CRDC/index.htm>

Tobyhanna implements Lean packing methods

Tobyhanna Army Depot, Pa., employees have used Lean methods to reduce the production time of installation kits for Blue Force Tracking by 40 minutes - decreasing the cost from \$1,500 to \$900 per kit.

The depot designs and manufactures installation kits to support the BFT system which is used in Iraq, Afghanistan, Kuwait, Bosnia and Kosovo. For the full story, visit www.tobyhanna.army.mil/about/news/PDFs/11-09-06.pdf

C-E LCMC technicians restore radar's reliability rate

Tobyhanna Army Depot, Pa., employees joined forces with technicians throughout the Communications-Electronics Life Cycle Management Command, Fort Monmouth, N.J., to reset two AN/TPQ-36 and four AN/TPQ-37 Firefinder systems assigned to the 2nd Infantry Division.

The Army Firefinders remained in South Korea while the Counterfire Radar Reset Team spent four months making on-site repairs and upgrades to bring the radars back to mission-capable status. For the full story, visit www.tobyhanna.army.mil/about/news/PDFs/11-09-06.pdf

Picatinny employee nationally recognized

Lori Deara, Picatinny Arsenal, N.J., recently received the National Contract Management Association's 2006 James E. Cravens Award for Outstanding Membership Accomplishments for her achievements in membership recruitment and retention.

The award is designed to recognize NCMA chapters and individual members for outstanding membership accomplishments during the past NCMA program year. For the full story, visit www.pica.army.mil/PicatinnyPublic/highlights/archive/2006/11-27-06.asp

Did you know ... The Raven is the Army's smallest Unmanned Aerial Vehicle

As part of the Aviation and Missile Life Cycle Management Command's UAV program, the four-pound Raven's user-friendly design fits in a Soldier's rucksack and provides covert surveillance. To learn more about the Raven, view the Nov. 29 edition of the AMC News Dispatch at <http://www.amc.army.mil/amc/pa/dispatch/dispatch.html>

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